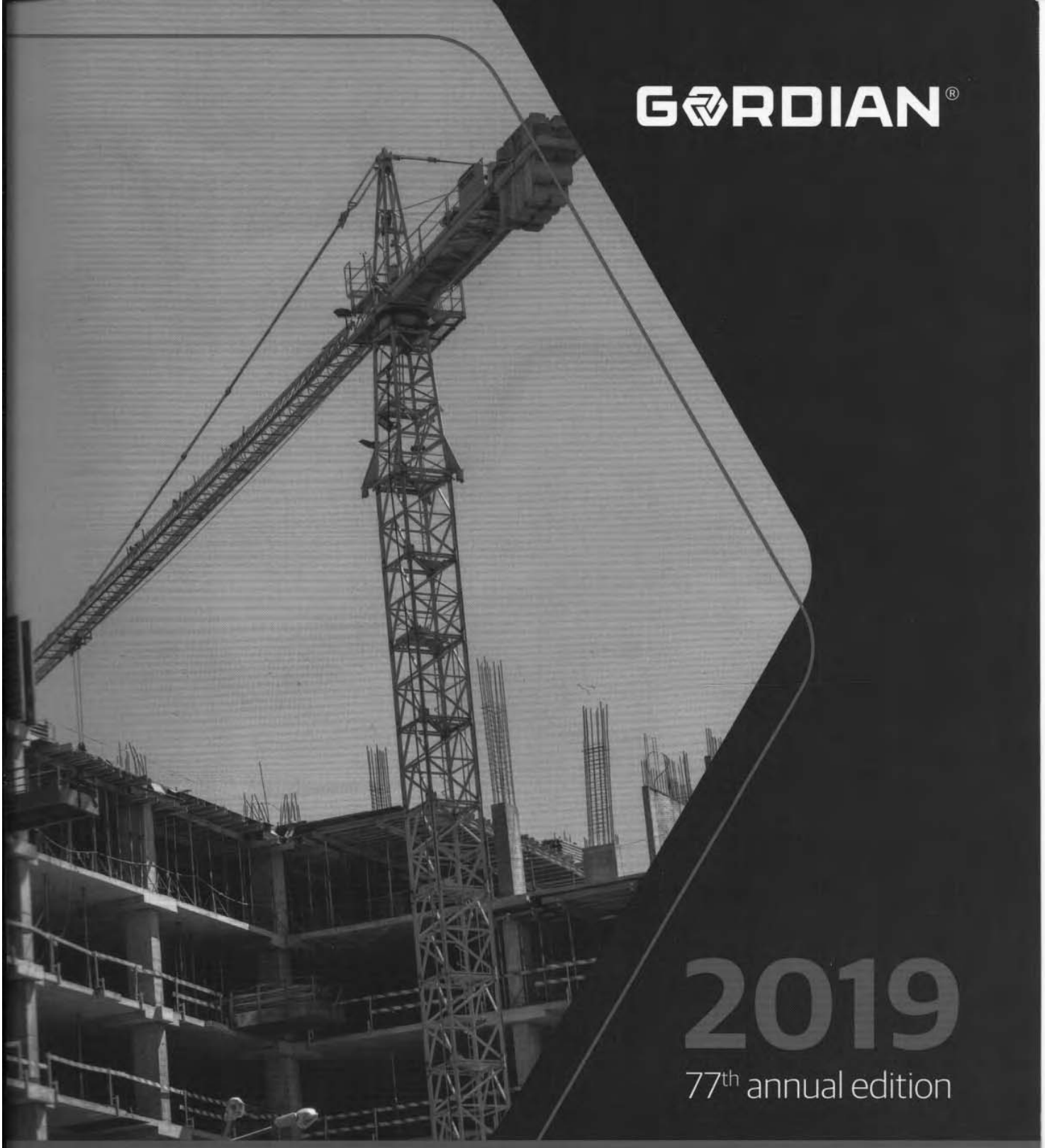

GORDIAN®

2019

77th annual edition

Building Construction Costs
with RSMeans data

Estimating Tips

22 10 00 Plumbing Piping and Pumps

This subdivision is primarily basic pipe and related materials. The pipe may be used by any of the mechanical disciplines, i.e., plumbing, fire protection, heating, and air conditioning.

Note: CPVC plastic piping approved for fire protection is located in 21 11 13.

- The labor adjustment factors listed in Subdivision 22 01 02.20 apply throughout Divisions 21, 22, and 23. CAUTION: the correct percentage may vary for the same items. For example, the percentage add for the basic pipe installation should be based on the maximum height that the installer must install for that particular section. If the pipe is to be located 14' above the floor but it is suspended on threaded rod from beams, the bottom flange of which is 18' high (4' rods), then the height is actually 18' and the add is 20%. The pipe cover, however, does not have to go above the 14' and so the add should be 10%.
- Most pipe is priced first as straight pipe with a joint (coupling, weld, etc.) every 10' and a hanger usually every 10'. There are exceptions with hanger spacing such as for cast iron pipe (5') and plastic pipe (3 per 10'). Following each type of pipe there are several lines listing sizes and the amount to be subtracted to delete couplings and hangers. This is for pipe that is to be buried or supported together on trapeze hangers. The reason that the couplings are deleted is that these runs are usually long, and frequently longer lengths of pipe are used. By deleting the couplings, the estimator is expected to look up and add back the correct reduced number of couplings.
- When preparing an estimate, it may be necessary to approximate the fittings. Fittings usually run between 25% and 50% of the cost of the pipe. The lower percentage is for simpler runs, and the higher number is for complex areas, such as mechanical rooms.
- For historic restoration projects, the systems must be as invisible as possible, and pathways must be sought for pipes, conduit, and ductwork. While installations in accessible spaces (such as basements and attics) are relatively straightforward to estimate, labor costs may be more difficult to determine when delivery systems must be concealed.

22 40 00 Plumbing Fixtures

- Plumbing fixture costs usually require two lines: the fixture itself and its "rough-in, supply, and waste."
- In the Assemblies Section (Plumbing D2010) for the desired fixture, the System Components Group at the center of the page shows the fixture on the first line. The rest of the list (fittings, pipe, tubing, etc.) will total up to what we refer to in the Unit Price section as "Rough-in, supply, waste, and vent." Note that for most fixtures we allow a nominal 5' of tubing to reach from the fixture to a main or riser.
- Remember that gas- and oil-fired units need venting.

Reference Numbers

Reference numbers are shown at the beginning of some major classifications. These numbers refer to related items in the Reference Section. The reference information may be an estimating procedure, an alternate pricing method, or technical information.

Note: Not all subdivisions listed here necessarily appear. ■

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Note: Trade Service, in part, has been used as a reference source for some of the material prices used in Division 22.

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22 05 Common Work Results for Plumbing

22 05 76 – Facility Drainage Piping Cleanouts

	22 05 76.20 Cleanout Tees		Crew	Daily Output	Labor-Hours	Unit	2019 Bare Costs Material	Labor	Equipment	Total	Total Incl O&P
5130	6" pipe size		Q-1	24	.667	Ea.	17.45	38		55.45	76
5170	Cleanout adapter fitting, 1-1/2" pipe size		1 Plum	32	.250		2.50	15.80		18.30	26.50
5180	2" pipe size		Q-1	56	.286		3.01	16.25		19.26	28
5190	3" pipe size			36	.444		8.25	25.50		33.75	47
5200	4" pipe size			30	.533		13.55	30.50		44.05	60.50
5210	6" pipe size			24	.667		38.50	38		76.50	99.50

22 07 Plumbing Insulation

22 07 19 – Plumbing Piping Insulation

22 07 19.10 Piping Insulation

0010	**PIPING INSULATION**										
0110	Insulation req'd. is based on the surface size/area to be covered										
0600	Pipe covering (price copper tube one size less than IPS)										
6600	Fiberglass, with all service jacket										
6840	1" wall, 1/2" iron pipe size	G	Q-14	240	.067	L.F.	.88	3.44		4.32	6.25
6870	1" iron pipe size	G		220	.073		1.03	3.76		4.79	6.95
6900	2" iron pipe size	G		200	.080		1.61	4.13		5.74	8.15
6920	3" iron pipe size	G		180	.089		1.78	4.59		6.37	9.05
6940	4" iron pipe size	G		150	.107		2.36	5.50		7.86	11.10
7320	2" wall, 1/2" iron pipe size	G		220	.073		2.93	3.76		6.69	9
7440	6" iron pipe size	G		100	.160		6.70	8.25		14.95	20
7460	8" iron pipe size	G		80	.200		7.15	10.35		17.50	24
7480	10" iron pipe size	G		70	.229		8.55	11.80		20.35	27.50
7490	12" iron pipe size	G		65	.246		9.55	12.70		22.25	30
7800	For fiberglass with standard canvas jacket, deduct						5%				
7802	For fittings, add 3 L.F. for each fitting										
7804	plus 4 L.F. for each flange of the fitting										
7810	Finishes										
7812	For .016" aluminum jacket, add	G	Q-14	200	.080	S.F.	1.06	4.13		5.19	7.55
7813	For .010" stainless steel, add	G	"	160	.100	"	3.32	5.15		8.47	11.60
7879	Rubber tubing, flexible closed cell foam										
7880	3/8" wall, 1/4" iron pipe size	G	1 Asbe	120	.067	L.F.	.32	3.82		4.14	6.25
7910	1/2" iron pipe size	G		115	.070		.50	3.99		4.49	6.70
7920	3/4" iron pipe size	G		115	.070		.58	3.99		4.57	6.80
7930	1" iron pipe size	G		110	.073		.59	4.17		4.76	7.10
7950	1-1/2" iron pipe size	G		110	.073		.77	4.17		4.94	7.30
8100	1/2" wall, 1/4" iron pipe size	G		90	.089		.83	5.10		5.93	8.75
8130	1/2" iron pipe size	G		89	.090		.91	5.15		6.06	8.95
8140	3/4" iron pipe size	G		89	.090		1.04	5.15		6.19	9.10
8150	1" iron pipe size	G		88	.091		.84	5.20		6.04	8.95
8170	1-1/2" iron pipe size	G		87	.092		1.70	5.25		6.95	10
8180	2" iron pipe size	G		86	.093		2.06	5.35		7.41	10.50
8200	3" iron pipe size	G		85	.094		2.37	5.40		7.77	10.95
8300	3/4" wall, 1/4" iron pipe size	G		90	.089		.92	5.10		6.02	8.85
8330	1/2" iron pipe size	G		89	.090		1.11	5.15		6.26	9.15
8340	3/4" iron pipe size	G		89	.090		1.81	5.15		6.96	9.95
8350	1" iron pipe size	G		88	.091		2.08	5.20		7.28	10.35
8370	1-1/2" iron pipe size	G		87	.092		3.04	5.25		8.29	11.50
8380	2" iron pipe size	G		86	.093		3.57	5.35		8.92	12.20
8400	3" iron pipe size	G		85	.094		4.82	5.40		10.22	13.65
8444	1" wall, 1/2" iron pipe size	G		86	.093		2.71	5.35		8.06	11.25

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22 07 Plumbing Insulation

22 07 19 – Plumbing Piping Insulation

	22 07 19.10 Piping Insulation		Crew	Daily Output	Labor-Hours	Unit	2019 Bare Costs Material	Labor	Equipment	Total	Total Incl O&P
8445	3/4" iron pipe size	G	1 Asbe	84	.095	L.F.	3.29	5.45		8.74	12.05
8446	1" iron pipe size	G		84	.095		3.43	5.45		8.88	12.20
8447	1-1/4" iron pipe size	G		82	.098		3.76	5.60		9.36	12.80
8448	1-1/2" iron pipe size	G		82	.098		5.25	5.60		10.85	14.45
8449	2" iron pipe size	G		80	.100		6.50	5.75		12.25	16
8450	2-1/2" iron pipe size	G		80	.100		7.50	5.75		13.25	17.10
8456	Rubber insulation tape, 1/8" x 2" x 30'	G				Ea.	21.50			21.50	23.50

22 11 Facility Water Distribution

22 11 13 – Facility Water Distribution Piping

22 11 13.14 Pipe, Brass

0010	**PIPE, BRASS**, Plain end										
0900	Field threaded, coupling & clevis hanger assembly 10' OC										
0920	Regular weight										
1120	1/2" diameter		1 Plum	48	.167	L.F.	7.80	10.55		18.35	24.50
1140	3/4" diameter			46	.174		10.25	11		21.25	28
1160	1" diameter			43	.186		7.20	11.75		18.95	25.50
1180	1-1/4" diameter		Q-1	72	.222		23.50	12.65		36.15	45
1200	1-1/2" diameter			65	.246		28	14		42	51.50
1220	2" diameter			53	.302		19.25	17.15		36.40	47

22 11 13.23 Pipe/Tube, Copper

0010	**PIPE/TUBE, COPPER**, Solder joints										
1000	Type K tubing, couplings & clevis hanger assemblies 10' OC										
1100	1/4" diameter		1 Plum	84	.095	L.F.	4.12	6		10.12	13.55
1200	1" diameter			66	.121		12.70	7.65		20.35	25.50
1260	2" diameter			40	.200		27	12.65		39.65	48.50
2000	Type L tubing, couplings & clevis hanger assemblies 10' OC										
2100	1/4" diameter		1 Plum	88	.091	L.F.	2.53	5.75		8.28	11.40
2120	3/8" diameter			84	.095		3.16	6		9.16	12.45
2140	1/2" diameter			81	.099		3.38	6.25		9.63	13.05
2160	5/8" diameter			79	.101		5.55	6.40		11.95	15.75
2180	3/4" diameter			76	.105		4.39	6.65		11.04	14.75
2200	1" diameter			68	.118		7	7.45		14.45	18.90
2220	1-1/4" diameter			58	.138		11.65	8.70		20.35	26
2240	1-1/2" diameter			52	.154		10.45	9.70		20.15	26
2260	2" diameter			42	.190		18.05	12.05		30.10	38
2280	2-1/2" diameter		Q-1	62	.258		25.50	14.65		40.15	50
2300	3" diameter			56	.286		43.50	16.25		59.75	72
2320	3-1/2" diameter			43	.372		54	21		75	90.50
2340	4" diameter			39	.410		62	23.50		85.50	103
2360	5" diameter			34	.471		151	26.50		177.50	206
2380	6" diameter		Q-2	40	.600		145	35.50		180.50	213
2400	8" diameter		"	36	.667		242	39.50		281.50	325
2410	For other than full hard temper, add						21%				
2590	For silver solder, add							15%			
4000	Type DWV tubing, couplings & clevis hanger assemblies 10' OC										
4100	1-1/4" diameter		1 Plum	60	.133	L.F.	12.45	8.40		20.85	26.50
4120	1-1/2" diameter			54	.148		12	9.35		21.35	27.50
4140	2" diameter			44	.182		18.55	11.50		30.05	38
4160	3" diameter		Q-1	58	.276		24.50	15.70		40.20	50
4180	4" diameter			40	.400		55.50	22.50		78	95

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	22 11 13.48 Pipe, Fittings and Valves, Steel, Grooved-Joint	Crew	Daily Output	Labor-Hours	Unit	2019 Bare Costs Material	Labor	Equipment	Total	Total Incl O&P
4908	1" diameter	1 Plum	100	.080	Ea.	31.50	5.05		36.55	42.50
4909	1-1/4" diameter		100	.080		29	5.05		34.05	39.50
4910	1-1/2" diameter		67	.119		31.50	7.55		39.05	46.50
4912	2" diameter		50	.160		40	10.10		50.10	59
4914	2-1/2" diameter	Q-1	80	.200		45.50	11.35		56.85	67
4916	3" diameter		67	.239		53	13.55		66.55	79
4918	4" diameter		50	.320		73.50	18.20		91.70	109
4920	5" diameter		40	.400		95	22.50		117.50	138
4922	6" diameter	Q-2	50	.480		125	28.50		153.50	181
4940	Flexible, standard, painted									
4950	3/4" diameter	1 Plum	100	.080	Ea.	23	5.05		28.05	33
4960	1" diameter		100	.080		23	5.05		28.05	33
4970	1-1/4" diameter		80	.100		30	6.30		36.30	42.50
4980	1-1/2" diameter		67	.119		32.50	7.55		40.05	47.50
4990	2" diameter		50	.160		35	10.10		45.10	53.50
5000	2-1/2" diameter	Q-1	80	.200		40.50	11.35		51.85	61.50
5010	3" diameter		67	.239		45	13.55		58.55	70
5020	3-1/2" diameter		57	.281		64.50	15.95		80.45	95
5030	4" diameter		50	.320		65	18.20		83.20	99
5040	5" diameter		40	.400		97.50	22.50		120	141
5050	6" diameter	Q-2	50	.480		115	28.50		143.50	170
5200	For galvanized couplings, add					33%				
7790	Valves: coupling material required at joints not incl. in valve price.									
7794	Add 1 selected coupling, material only, per joint for installed price.									

22 11 13.64 Pipe, Stainless Steel

0010	**PIPE, STAINLESS STEEL**									
3500	Threaded, couplings and clevis hanger assemblies, 10' OC									
3520	Schedule 40, type 304									
3540	1/4" diameter	1 Plum	54	.148	L.F.	9.70	9.35		19.05	25
3550	3/8" diameter		53	.151		11.05	9.55		20.60	26.50
3560	1/2" diameter		52	.154		12	9.70		21.70	28
3580	1" diameter		45	.178		23.50	11.25		34.75	42.50
3610	2" diameter	Q-1	57	.281		48	15.95		63.95	77
3640	4" diameter	Q-2	51	.471		129	27.50		156.50	184
3740	For small quantities, add					10%				
4250	Schedule 40, type 316									
4290	1/4" diameter	1 Plum	54	.148	L.F.	22	9.35		31.35	38.50
4300	3/8" diameter		53	.151		24.50	9.55		34.05	41
4310	1/2" diameter		52	.154		29.50	9.70		39.20	47
4320	3/4" diameter		51	.157		34	9.90		43.90	52.50
4330	1" diameter		45	.178		47.50	11.25		58.75	69
4360	2" diameter	Q-1	57	.281		95.50	15.95		111.45	129
4390	4" diameter	Q-2	51	.471		220	27.50		247.50	284
4490	For small quantities, add					10%				

22 11 13.74 Pipe, Plastic

0010	**PIPE, PLASTIC**									
1800	PVC, couplings 10' OC, clevis hanger assemblies, 3 per 10'									
1820	Schedule 40									
1860	1/2" diameter	1 Plum	54	.148	L.F.	4.76	9.35		14.11	19.30
1870	3/4" diameter		51	.157		5.30	9.90		15.20	20.50
1880	1" diameter		46	.174		9	11		20	26.50
1890	1-1/4" diameter		42	.190		9.80	12.05		21.85	29

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	22 11 13.74 Pipe, Plastic	Crew	Daily Output	Labor-Hours	Unit	2019 Bare Costs Material	Labor	Equipment	Total	Total Incl O&P
1900	1-1/2" diameter	1 Plum	36	.222	L.F.	9.85	14.05		23.90	32
1910	2" diameter	Q-1	59	.271		11.35	15.40		26.75	35.50
1920	2-1/2" diameter		56	.286		10.90	16.25		27.15	36.50
1930	3" diameter		53	.302		13.10	17.15		30.25	40.50
1940	4" diameter		48	.333		29.50	18.95		48.45	60.50
1950	5" diameter		43	.372		38	21		59	73
1960	6" diameter	▼	39	.410	▼	27.50	23.50		51	65.50
4100	DWV type, schedule 40, couplings 10' OC, clevis hanger assy's, 3 per 10'									
4210	ABS, schedule 40, foam core type									
4212	Plain end black									
4214	1-1/2" diameter	1 Plum	39	.205	L.F.	8.25	12.95		21.20	28.50
4216	2" diameter	Q-1	62	.258		8.80	14.65		23.45	31.50
4218	3" diameter		56	.286		8.55	16.25		24.80	34
4220	4" diameter		51	.314		23.50	17.85		41.35	53
4222	6" diameter	▼	42	.381	▼	19.80	21.50		41.30	54.50
4240	To delete coupling & hangers, subtract									
4244	1-1/2" diam. to 6" diam.					43%	48%			
4400	PVC									
4410	1-1/4" diameter	1 Plum	42	.190	L.F.	8.80	12.05		20.85	27.50
4420	1-1/2" diameter	"	36	.222		8	14.05		22.05	30
4460	2" diameter	Q-1	59	.271		8.85	15.40		24.25	33
4470	3" diameter		53	.302		8.65	17.15		25.80	35.50
4480	4" diameter		48	.333		10.45	18.95		29.40	40
4490	6" diameter	▼	39	.410	▼	17.95	23.50		41.45	54.50
5300	CPVC, socket joint, couplings 10' OC, clevis hanger assemblies, 3 per 10'									
5302	Schedule 40									
5304	1/2" diameter	1 Plum	54	.148	L.F.	5.60	9.35		14.95	20
5305	3/4" diameter		51	.157		6.60	9.90		16.50	22
5306	1" diameter		46	.174		10.85	11		21.85	28.50
5307	1-1/4" diameter		42	.190		12.25	12.05		24.30	31.50
5308	1-1/2" diameter	▼	36	.222		12.15	14.05		26.20	34.50
5309	2" diameter	Q-1	59	.271		15.40	15.40		30.80	40
5310	2-1/2" diameter		56	.286		19.40	16.25		35.65	46
5311	3" diameter	▼	53	.302	▼	22	17.15		39.15	50.50
5360	CPVC, threaded, couplings 10' OC, clevis hanger assemblies, 3 per 10'									
5380	Schedule 40									
5460	1/2" diameter	1 Plum	54	.148	L.F.	6.45	9.35		15.80	21
5470	3/4" diameter		51	.157		8.15	9.90		18.05	24
5480	1" diameter		46	.174		12.40	11		23.40	30
5490	1-1/4" diameter		42	.190		13.45	12.05		25.50	33
5500	1-1/2" diameter	▼	36	.222		13.20	14.05		27.25	35.50
5510	2" diameter	Q-1	59	.271		16.60	15.40		32	41.50
5520	2-1/2" diameter		56	.286		20.50	16.25		36.75	47.50
5530	3" diameter	▼	53	.302	▼	24	17.15		41.15	52.50
7280	PEX, flexible, no couplings or hangers									
7282	Note: For labor costs add 25% to the couplings and fittings labor total.									
7285	For fittings see section 23 83 16.10 7000									
7300	Non-barrier type, hot/cold tubing rolls									
7310	1/4" diameter x 100'				L.F.	.52			.52	.57
7350	3/8" diameter x 100'					.55			.55	.61
7360	1/2" diameter x 100'					.64			.64	.70
7370	1/2" diameter x 500'					.64			.64	.70
7380	1/2" diameter x 1000'				▼	.63			.63	.69

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	22 11 13.74 Pipe, Plastic	Crew	Daily Output	Labor-Hours	Unit	2019 Bare Costs Material	Labor	Equipment	Total	Total Incl O&P
7400	3/4" diameter x 100'				L.F.	1.01			1.01	1.11
7410	3/4" diameter x 500'					1.14			1.14	1.25
7420	3/4" diameter x 1000'					1.14			1.14	1.25
7460	1" diameter x 100'					1.96			1.96	2.16
7470	1" diameter x 300'					1.96			1.96	2.16
7480	1" diameter x 500'					1.96			1.96	2.16
7500	1-1/4" diameter x 100'					3.33			3.33	3.66
7510	1-1/4" diameter x 300'					3.33			3.33	3.66
7540	1-1/2" diameter x 100'					4.52			4.52	4.97
7550	1-1/2" diameter x 300'				▼	4.50			4.50	4.95
7596	Most sizes available in red or blue									
7700	Non-barrier type, hot/cold tubing straight lengths									
7710	1/2" diameter x 20'				L.F.	.64			.64	.70
7750	3/4" diameter x 20'					1.14			1.14	1.25
7760	1" diameter x 20'					1.96			1.96	2.16
7770	1-1/4" diameter x 20'					3.44			3.44	3.78
7780	1-1/2" diameter x 20'					4.54			4.54	4.99
7790	2" diameter				▼	8.85			8.85	9.75
7796	Most sizes available in red or blue									

22 11 19 – Domestic Water Piping Specialties

22 11 19.10 Flexible Connectors

0010	**FLEXIBLE CONNECTORS**, Corrugated, 7/8" OD, 1/2" ID									
0050	Gas, seamless brass, steel fittings									
0200	12" long	1 Plum	36	.222	Ea.	6.60	14.05		20.65	28.50
0220	18" long		36	.222		8.35	14.05		22.40	30
0240	24" long		34	.235		9.70	14.85		24.55	33
0280	36" long		32	.250		11.55	15.80		27.35	36.50
0340	60" long	▼	30	.267	▼	17.45	16.85		34.30	44.50
2000	Water, copper tubing, dielectric separators									
2100	12" long	1 Plum	36	.222	Ea.	6.80	14.05		20.85	28.50
2260	24" long	"	34	.235	"	10.05	14.85		24.90	33.50

22 11 19.14 Flexible Metal Hose

0010	**FLEXIBLE METAL HOSE**, Connectors, standard lengths									
0100	Bronze braided, bronze ends									
0120	3/8" diameter x 12"	1 Stpi	26	.308	Ea.	28	19.70		47.70	60.50
0160	3/4" diameter x 12"		20	.400		39	25.50		64.50	81.50
0180	1" diameter x 18"		19	.421		50.50	27		77.50	96
0200	1-1/2" diameter x 18"		13	.615		57	39.50		96.50	122
0220	2" diameter x 18"	▼	11	.727	▼	86	46.50		132.50	165

22 11 19.26 Pressure Regulators

0010	**PRESSURE REGULATORS**									
3000	Steam, high capacity, bronze body, stainless steel trim									
3020	Threaded, 1/2" diameter	1 Stpi	24	.333	Ea.	2,675	21.50		2,696.50	2,975
3030	3/4" diameter		24	.333		2,675	21.50		2,696.50	2,975
3040	1" diameter		19	.421		3,000	27		3,027	3,350
3060	1-1/4" diameter		15	.533		3,325	34		3,359	3,700
3080	1-1/2" diameter		13	.615		3,800	39.50		3,839.50	4,225
3100	2" diameter	▼	11	.727		4,650	46.50		4,696.50	5,175
3120	2-1/2" diameter	Q-5	12	1.333		5,775	76.50		5,851.50	6,475
3140	3" diameter	"	11	1.455	▼	6,625	83.50		6,708.50	7,400
3500	Flanged connection, iron body, 125 lb. W.S.P.									
3520	3" diameter	Q-5	11	1.455	Ea.	7,250	83.50		7,333.50	8,100

For customer support on your Building Construction Costs with RSMeans data, call 800.448.8182.

22 41 Residential Plumbing Fixtures

22 41 06 – Plumbing Fixtures General

	22 41 06.10 Plumbing Fixture Notes	Crew	Daily Output	Labor-Hours	Unit	2019 Bare Costs Material	Labor	Equipment	Total	Total Incl O&P
0010	**PLUMBING FIXTURE NOTES**, Incl. trim fittings unless otherwise noted									
0080	For rough-in, supply, waste, and vent, see add for each type									
0122	For electric water coolers, see Section 22 47 16.10									
0160	For color, unless otherwise noted, add				Ea.	20%				

22 41 13 – Residential Water Closets, Urinals, and Bidets

22 41 13.13 Water Closets

0010	**WATER CLOSETS**									
0032	For automatic flush, see Line 22 42 39.10 0972									
0150	Tank type, vitreous china, incl. seat, supply pipe w/stop, 1.6 gpf or noted									
0200	Wall hung									
0400	Two piece, close coupled	Q-1	5.30	3.019	Ea.	400	172		572	695
0960	For rough-in, supply, waste, vent and carrier	"	2.73	5.861	"	1,250	335		1,585	1,875
0999	Floor mounted									
1100	Two piece, close coupled	Q-1	5.30	3.019	Ea.	203	172		375	480
1102	Economy		5.30	3.019		113	172		285	380
1110	Two piece, close coupled, dual flush		5.30	3.019		325	172		497	610
1140	Two piece, close coupled, 1.28 gpf, ADA [G]		5.30	3.019		325	172		497	615
1960	For color, add					30%				
1980	For rough-in, supply, waste and vent	Q-1	3.05	5.246	Ea.	365	298		663	850

22 41 16 – Residential Lavatories and Sinks

22 41 16.13 Lavatories

0010	**LAVATORIES**, With trim, white unless noted otherwise									
0500	Vanity top, porcelain enamel on cast iron									
0600	20" x 18"	Q-1	6.40	2.500	Ea.	295	142		437	540
0640	33" x 19" oval		6.40	2.500		510	142		652	780
0720	19" round		6.40	2.500		395	142		537	650
0860	For color, add					25%				
1000	Cultured marble, 19" x 17", single bowl	Q-1	6.40	2.500	Ea.	121	142		263	345
1040	25" x 19", single bowl	"	6.40	2.500	"	147	142		289	375
1580	For color, same price									
1900	Stainless steel, self-rimming, 25" x 22", single bowl, ledge	Q-1	6.40	2.500	Ea.	310	142		452	555
1960	17" x 22", single bowl		6.40	2.500		300	142		442	545
2600	Steel, enameled, 20" x 17", single bowl		5.80	2.759		120	157		277	370
2660	19" round		5.80	2.759		157	157		314	405
2900	Vitreous china, 20" x 16", single bowl		5.40	2.963		205	168		373	480
2960	20" x 17", single bowl		5.40	2.963		108	168		276	370
3020	19" round, single bowl		5.40	2.963		106	168		274	370
3200	22" x 13", single bowl		5.40	2.963		211	168		379	485
3560	For color, add					50%				
3580	Rough-in, supply, waste and vent for all above lavatories	Q-1	2.30	6.957	Ea.	249	395		644	870
4000	Wall hung									
4040	Porcelain enamel on cast iron, 16" x 14", single bowl	Q-1	8	2	Ea.	440	114		554	655
4180	20" x 18", single bowl		8	2		240	114		354	435
4240	22" x 19", single bowl		8	2		690	114		804	930
4580	For color, add					30%				
6000	Vitreous china, 18" x 15", single bowl with backsplash	Q-1	7	2.286	Ea.	153	130		283	365
6500	For color, add					30%				
6960	Rough-in, supply, waste and vent for above lavatories	Q-1	1.66	9.639	Ea.	485	550		1,035	1,350
7000	Pedestal type									
7600	Vitreous china, 27" x 21", white	Q-1	6.60	2.424	Ea.	665	138		803	940
7610	27" x 21", colored		6.60	2.424		850	138		988	1,150
7620	27" x 21", premium color		6.60	2.424		965	138		1,103	1,275